

Amendments to the Claims

Kindly amend claims 1, 4-7, 11, 13, 14, 16, 18 & 19 as set forth below. All pending claims are reproduced below, with changes in the amended claims shown by underlining (for added matter) and strikethrough/double brackets (for deleted matter).

1. (Currently Amended) A method of updating event data on a page of a computing environment, said method comprising:

automatically, periodically retrieving by a browser server event data using a refresh frame of a page displayed by the browser, the refresh frame being part of a frameset of the browser, the frameset including the refresh frame and a data frame, the refresh frame being a hidden, zero-width frame and the data frame being a visible frame including an application interface; and

updating by the browser a portion of [[a]] the data frame of the page with [[the]] event data automatically retrieved using the refresh frame, the updating including employing code understood natively by [[a]] the browser, wherein the browser displays the page.

2. (Original) The method of claim 1, wherein said code understood natively by the browser comprises code supported by an interpreter built into the browser as originally configured.

3. (Original) The method of claim 1, wherein said code understood natively by the browser comprises JavaScript code.

4. (Currently Amended) The method of claim 1, wherein the portion of the data frame ~~to be~~ updated is ~~to be~~ selectively chosen based on the event data.

5. (Currently Amended) The method of claim 1, ~~further comprising retrieving, by the browser, at least one of the refresh frame and the data frame from a server coupled to the browser to facilitate the browser in at least one of the periodically retrieving and the updating wherein the frameset comprises a plurality of data frames, and the automatically, periodically retrieving comprises associating with the refresh frame a parameter that identifies one data frame of the plurality of data frames for which server event data is to be retrieved.~~

6. (Currently Amended) The method of claim 5, ~~wherein said periodically retrieving further comprises using the refresh frame retrieved by the browser to retrieve the event data from the server using a same network connection used to retrieve the refresh frame~~ further comprising subsequently calling by the one data frame a function to stop the automatically, periodically retrieving of event data for that data frame.

7. (Currently Amended) The method of claim ~~[[5]]~~ 1, wherein said automatically, periodically retrieving event data further comprises periodically requesting, by the refresh frame, the server to refresh the refresh frame.

8. (Original) The method of claim 5, wherein said periodically retrieving further comprises:

detecting the event data;

sending, responsive to the detecting, the event data to the browser via the server; and

wherein the detecting and the sending are performed automatically by an application coupled to the server irrespective of a manual request by a user for at least one of the periodically retrieving and the updating.

9. (Original) The method of claim 1, wherein said periodically retrieving the event data further comprises receiving the event data at the browser within the code understood natively by the browser to be used to update the portion of the data frame, wherein the code is generated by the application.

10. (Original) The method of claim 1, wherein said updating the portion of said data frame further comprises executing the code by the browser to update the portion of the data frame.

11. (Currently Amended) A system for updating event data on a page of a computing environment, said system comprising:

means for automatically, periodically retrieving by a browser server event data using a refresh frame of a page displayed by the browser, the refresh frame being part of a frameset of the browser, the frameset including the refresh frame and a data frame, the refresh frame being a hidden, zero-width frame and the data frame being a visible frame including an application interface; and

means for updating by the browser a portion of ~~[[a]]~~ the data frame of the page with ~~[[the]]~~ event data automatically retrieved using the refresh frame, the updating including employing code understood natively by [[a]] the browser;
~~wherein the browser displays the page.~~

12. (Original) The system of claim 11, wherein said code understood natively by the browser comprises code supported by an interpreter built into the browser as originally configured.

13. (Currently Amended) The system of claim 11, ~~further comprising means for retrieving, by the browser, at least one of the refresh frame and the data frame from a server coupled to the browser to facilitate the browser in at least one of the periodically retrieving and the updating~~ wherein the frameset comprises a plurality of data frames, and the means for automatically, periodically retrieving comprises associating with the refresh frame a parameter that identifies one data frame of the plurality of data frames for which server event data is to be retrieved.

14. (Currently Amended) The system of claim 13, ~~wherein said means for periodically retrieving further comprises means for retrieving, using the refresh frame retrieved by the browser, the event data from the server using a same network connection used to retrieve the refresh frame~~ further comprising subsequently calling by the one data frame a function to stop the means for automatically, periodically retrieving of event data for that data frame.

15. (Original) The system of claim 13, wherein said means for periodically retrieving further comprises:

means for detecting the event data;

means for sending, responsive to the detecting, the event data to the browser via the server; and

wherein the detecting and the sending are performed automatically by an application coupled to the server irrespective of a manual request by a user for at least one of the periodically retrieving and the updating.

16. (Currently Amended) At least one program storage device readable by a machine, tangibly embodying at least one program of instructions executable by the machine to perform a method of updating event data on a page of a computing environment, said method comprising:

automatically, periodically retrieving by a browser server event data using a refresh frame of a page displayed by the browser, the refresh frame being part of a frameset of the browser, the frameset including the refresh frame and a data frame, the refresh frame being a hidden, zero-width frame and the data frame being a visible frame including an application interface; and

updating by the browser a portion of [[a]] the data frame of the page with [[the]] event data automatically retrieved using the refresh frame, the updating including employing code understood natively by [[a]] the browser, wherein the browser displays the page.

17. (Original) The at least one program storage device of claim 16, wherein said code understood natively by the browser comprises code supported by an interpreter built into the browser as originally configured.

18. (Currently Amended) The at least one program storage device of claim 16, ~~wherein said method further comprises retrieving, by the browser, at least one of the refresh frame and the data frame from a server coupled to the browser to facilitate the browser in at least one of the periodically retrieving and the updating~~ wherein the frameset comprises a plurality of data frames, and the automatically, periodically retrieving comprises associating with the refresh frame a parameter that identifies one data frame of the plurality of data frames for which server event data is to be retrieved.

19. (Currently Amended) The at least one program storage device of claim 18, ~~wherein said periodically retrieving further comprises using the refresh frame retrieved by the browser to retrieve the event data from the server using a same network connection used to retrieve the refresh frame~~ further comprising subsequently calling by the one data frame a function to stop the automatically, periodically retrieving of event data for that data frame.

20. (Original) The at least one program storage device of claim 18, wherein said periodically retrieving further comprises:

detecting the event data;

sending responsive to the detecting, the event data to the browser via the server; and

wherein the detecting and the sending are performed automatically by an application coupled to the server irrespective of a manual request by a user for at least one of the periodically retrieving and the updating.

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